

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

37-085-511
WILLISBURG QUADRANGLE
147 KENTUCKY
N3745-W8500/15
DIAGRAM NJ-16-9
WINCHESTER

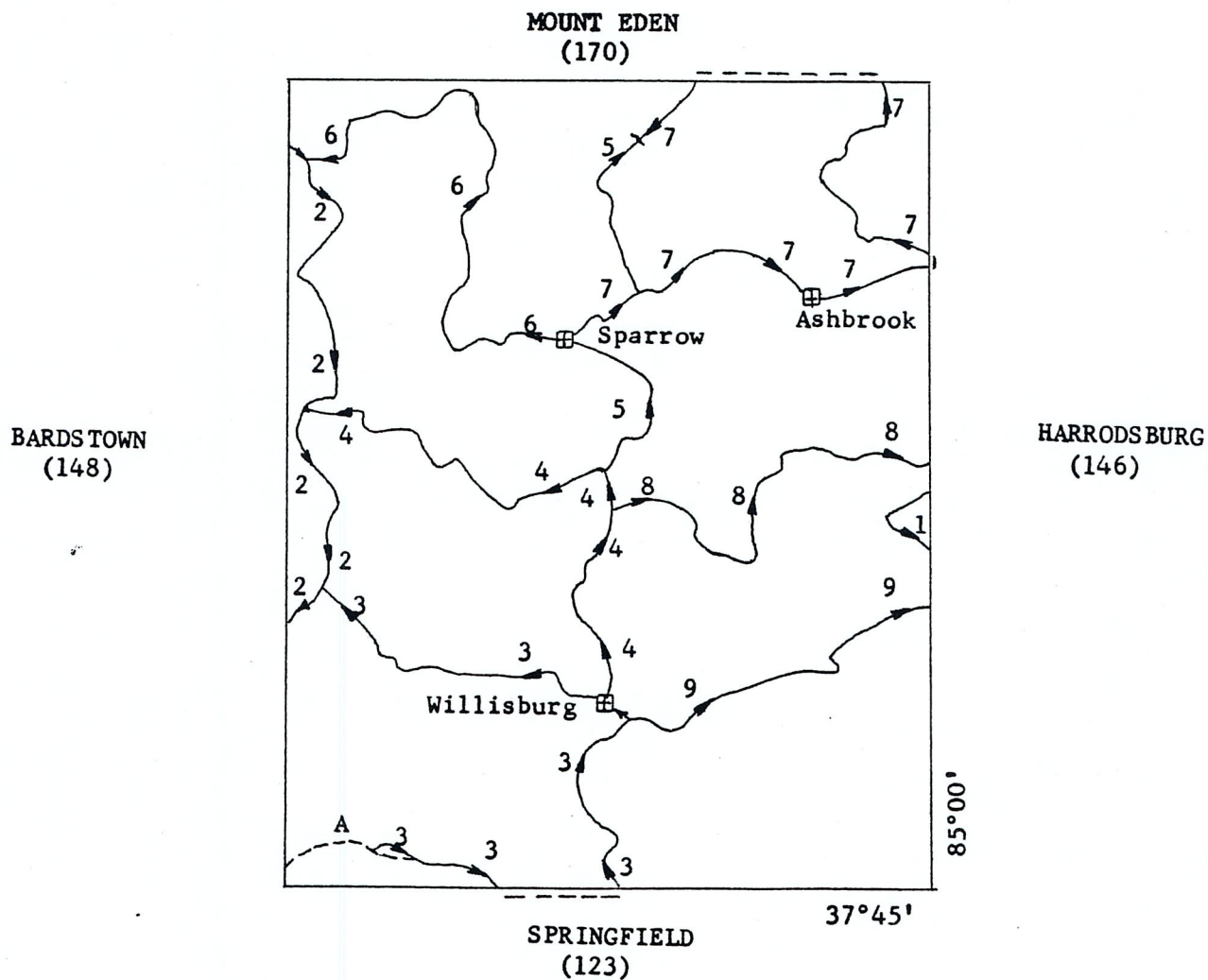
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Anderson, Mercer, Nelson, Spencer
and Washington Counties

Final adjustment of 1965

Edition of 4/12/74

PR: WSM/mid



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 370851

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>MARK (USGS)</u>	<u>PAGE NO.</u>
TT 7 D 1930 850	3	81 JEM 1950 793	8
TT 8 D 1930 867	13	82 JEM 1950 834	8, 9
TT 18 E 1930 839	4	83 JEM 1950 835	8, 11
TT 20 E 1930 760	3	84 JEM 1950 579	8
TT 38 AS 1950 619	3, 10	85 JEM 1950 571	9, 12
TT 39 AS 1950 785	3	86 JEM 1950 827	9
TT 40 AS 1950 646	3	87 JEM 1950 800	9
TT 41 AS 1950 797	4, 8	88 JEM 1950 542	10
TT 42 AS 1950 598	4	89 JEM 1950 555	10
TT 43 AS 1950 757	4	90 JEM 1950 529	10
TT 8 MT 1950 791	11	91 JEM 1950 829	11
TT 9 MT 1950 876	12	92 JEM 1950 816	11
65 JEM 1950 775	5	93 JEM 1950 720	11
68 JEM 1950 706	5	94 JEM 1950 889	12
69 JEM 1950 853	5	97 JEM 1950 837	12
70 JEM 1950 875	5, 13	98 JEM 1950 836	12
71 JEM 1950 857	6, 7	99 JEM 1950 854	13
72 JEM 1950 854	6	100 JEM 1950 864	13
73 JEM 1950 821	6	101 JEM 1950 860	13
74 JEM 1950 632	6	102 JEM 1950 847	13
75 JEM 1950 864	7		
76 JEM 1950 623	7, 12	<u>NGS</u>	
77 JEM 1950 790	7, 8		
78 JEM 1950 832	7	G 64 1935	5
79 JEM 1950 819	7		
80 JEM 1950 608	8		

LINE 1.Feet

By R. E. Carey, 1950; Book AV 154

Tablow; 10 ft S. of bottom step of Bethel Church; in E. edge of concrete walk; standard tablet stamped "TT 7 D 1930 850" 849.643

Reference mark; 55 ft SE. of tablet; 44 ft N. and 35 ft W. of crossroads; on NE. end of concrete walk leading to church; chiseled square 846.14

LINE 2.

By J. E. McClane, 1950; Book AV 208

Wakefield, 2.3 mi NE. of, thence 2.6 mi SE.; 7 ft S. and 19 ft E. of, and level with centerline of rd. at junction of T-rd. NE.; 14 ft S. of centerline of rd.; 52 ft S. of fenceline; in concrete post; standard tablet stamped "TT 38 AS 1950 619" 619.008

Reference mark; 70 ft NE. of tablet; on N. end of concrete culvert; chiseled square 617.49

Wakefield, 2.3 mi NE. of, thence 3.7 mi SE.; 260 ft S. of centerline of rd. at junction of T-rd. W.; at sharp turn in rd.; in corner of field owned by Mrs. George Carruthers; just E. of gate; in concrete post; standard tablet stamped "TT 20 E 1930 760" 759.451

U. E., Chaplin, 0.5 mi W. of, along U. S. Highway 62, thence 4.5 mi N.; 9 ft E. of, and 1 ft lower than centerline of rd.; on SE. rock abutment of small wooden bridge; chiseled square 696.18

Chaplin, 0.5 mi W. of, along U. S. Highway 62, thence 4.1 mi N. along rd.; 19 ft N. and 22 ft E. of centerline of rd. at junction of drive NW.; 13 ft SE. of, and 1 ft higher than centerline of rd.; 5 ft NE. of 30-in. walnut tree; 5 ft SW. of private cemetery; in concrete post; standard tablet stamped "TT 39 AS 1950 785" 784.563

Reference mark; 100 ft NE. of tablet; on N. side of 10-in. locust tree; RR. spike 787.47

U. E., Chaplin, 0.5 mi W. of, along U. S. Highway 62, thence 3.5 mi N.; 10 ft S. and 70 ft W. of, and 1 ft lower than centerline of rd. at junction of Y-rd. SE.; at W. end of small wooden bridge; on SW. corner of rock abutment; chiseled square 630.10

Chaplin, 0.5 mi W. of, along U. S. Highway 62, thence 1.9 mi N. along rd.; at offset driveways; 128 ft N. and 39 ft W. of centerline of rd. at junction of drive E.; 16 ft N. and 22 ft W. of, and level with centerline of rd. at junction of drive W. to residence of R.C. Terrel; in concrete post; standard tablet stamped "TT 40 AS 1950 646" (Reported not found, 1972) 646.197

LINE 2. (Cont'd)Feet

Reference mark; 130 ft SE. of tablet; in E. side of 10-in. locust tree; rail spike	646.61
Chaplin, 0.5 mi W. of, along U. S. Highway 62; 45 ft N. and 17 ft E. of, and 5 ft higher than centerline of hwy. at junction of T-rd. N.; 21 ft N. of 72-in. twin elm tree; 2 ft E. of fence; 2 ft S. of transformer pole; in concrete post; standard tablet stamped "TT 41 AS 1950 797" (Destroyed, 1972)	797.089
Chaplin; 1.4 mi W. of, along U. S. Highway 62; 25 ft N. and 35 ft W. of, and 1 ft lower than centerline of hwy. at junction of T-rd. S.; 4 ft W. of telephone pole 104; in concrete post; standard tablet stamped "TT 18 E 1930 839"	838.532
U. E., Chaplin, 1.4 mi W. of, along U. S. Highway 62, thence 2.0 mi S.; 8 ft S. of, and level with centerline of rd. at W. end of steel truss bridge over creek; on easternmost anchor bolt of group of four anchored in solid rock; chiseled square	595.64
Chaplin, 1.9 mi SW. of, along State Highway 431; at junction of Y-rd. NW.; 27 ft W. of, and 5 ft lower than centerline of hwy. at drain crossing; 33 ft E. of center of concrete bridge on old rd.; in end of W. concrete headwall of culvert under hwy.; standard tablet stamped "TT 42 AS 1950 598"	598.014
Reference mark; 50 ft W. of tablet; on NW. corner of old concrete bridge; chiseled square	600.28
U. E., Chaplin, 3.1 mi SW. of, along State Highway 431; 12 ft N. and 16 ft W. of, and level with centerline of Highway 431 at junction of private rd. W.; on concrete culvert; chiseled circle	766.77
U. E., Chaplin, 3.7 mi SW. of, along State Highway 431; 7 ft N. and 15 ft E. of, and level with centerline of Highway 431 at junction of private drive E.; on concrete culvert; chiseled square	748.85
Chaplin, 3.9 mi SW. of, along State Highway 431; 26 ft N. and 16 ft E. of, and level with centerline of hwy. at junction of drive NE.; 32 ft NE. of centerline of hwy.; 11 ft NW. of gateway to private drive; 3 ft SW. of fence; in concrete post; standard tablet stamped "TT 43 AS 1950 757"	757.253
U. E., Chaplin, 4.8 mi SW. of, along State Highway 431; 40 ft S. and 25 ft E. of, and 1 ft higher than centerline of hwy. at junction of T-rd. E.; on N. end of E. concrete headwall of culvert; chiseled square	672.15

LINE 3.Feet

By J. E. McClane, 1950; Book AV 208

"G 64 1935" (NGS)

685.966

Pleasant Grove, 10 ft S. and 90 ft W. of, and 7 ft higher than centerline of County Road at junction of T-rd. W.; rd. junction is 0.15 mi NW. of junction of County Road and new Kentucky Route 555; in concrete post; standard tablet stamped "65 JEM 1950 775"

775.115

Reference mark; 48 ft E. of tablet; on SW. corner of rock base for culvert; chiseled square

767.58

/Jogs into Springfield quadrangle/

U. E., Thompsonville, 1.0 mi NE. of, along State Highway 52, thence 1.9 mi N.; 12 ft NE. and 15 ft SE. of, and level with centerline of rd. at junction of drive NE.; on SE. end of partially covered concrete tile; chiseled square

721.81

U. E., Thompsonville, 1.0 mi NE. of, along State Highway 152, thence 2.3 mi NW.; 6 ft W. of, and 6 ft lower than centerline of rd. at N. end of small concrete bridge over Mays Creek; on NW. wingwall; chiseled square

702.89

Thompsonville, 1.0 mi NE. of, along State Highway 152, thence 2.4 mi NW.; 25 ft NE. and 20 ft SE. of, and 2 ft higher than centerline of rd. at junction of T-rd. NE.; 6 ft SE. and 4 ft SW. of gatepost; in concrete post; standard tablet stamped "68 JEM 1950 706"

706.299

Reference mark; 72 ft W. of tablet; on SW. end of large concrete pipe under rd.; chiseled square

701.34

Willisburg, 1.0 mi SE. of, along State Highway 433, thence 1.1 mi SW.; 9 ft S. of, and 2 ft higher than centerline of field rd.; at farmhouse between house and barn; 90 ft E. of NE. corner of barn; 2 ft N. and 30 ft E. of fence corner; in concrete post; standard tablet stamped "69 JEM 1950 853"

853.286

Reference mark; 61 ft from tablet; in root on N. side of 18-in. locust tree; copper nail and washer

852.06

Willisburg, 1.0 mi SE. of, along State Highway 433; 45 ft N. of, and 1 ft lower than centerline of Highway 433 at junction of T-rd. SW.; 75 ft E. of fence corner; 2 ft S. of fenceline; in concrete post; standard tablet stamped "70 JEM 1950 875"

874.631

LINE 3. (Cont'd)Feet

Willisburg; 27 ft N. and 27 ft E. of, and 1 ft higher than centerline of State Highway 53 at junction of State Highway 433; in E. end of concrete headwall; standard tablet stamped "71 JEM 1950 857"	856.849
Reference mark; 60 ft SW. of tablet; on E. end of small concrete retaining wall for driveway; chiseled square	856.31
U. E., Willisburg, 1.0 mi W. of, along State Highway 53; 18 ft S. and 48 ft W. of, and 2 ft lower than centerline of hwy. at junction of T-rd. NW.; on SE. corner of S. rock headwall; chiseled square	765.20
Willisburg, 1.0 mi W. of, along State Highway 53, thence 1.0 mi NW.; 20 ft S. and 30 ft E. of, and 2 ft higher than centerline of rd. at triangle formed by junction of rd. N.; 18 ft N. of telephone pole; 4 ft W. of fenceline; in concrete post; standard tablet stamped "72 JEM 1950 854"	853.872
Reference mark; 57 ft NW. of tablet; in S. side of corner post for fence around yard; rail spike	852.68
U. E., Willisburg, 1.0 mi W. of, along State Highway 53, thence 2.6 mi NW.; 40 ft S. of centerline of rd. at junction of T-rd. S.; 8 ft W. of 16-in persimmon tree and fenceline; on large flat boulder; chiseled square	819.23
Willisburg, 1.0 mi W. of, along State Highway 53, thence 3.8 mi W. along graveled rd.; 1.3 mi E. of Polin; 12 ft S. of, and level with centerline of rd. at junction of T-rd. N.; 1 ft N. of fenceline; in concrete post; standard tablet stamped "73 JEM 1950 821"	820.713
Reference mark; 40 SW. of tablet; on SE. end of 2-in. plugged pipe of gasline to "Shell" gasoline pump; chiseled cross	822.48
U. E., Polin; 20 ft N. and 12 ft E. of, and 4 ft higher than centerline of rd. at junction of driveway to Polin General Store; on SW. corner of concrete retaining wall around frontyard; chiseled square	621.58
Polin, 0.5 mi W. of, along main graveled rd.; 25 ft N. and 33 ft E. of, and 3 ft lower than centerline of offset crossroads; 40 ft N. of gatepost; 2 ft W. of fenceline; in concrete post; standard tablet stamped "74 JEM 1950 632"	631.891
Reference mark; 250 ft S. of tablet; on NW. corner of S. rock abutment of small wooden bridge over stream; chiseled square	624.11
U. E., Chaplin, 4.8 mi SW. of, along State Highway 431; chiseled square (Described in line 2)	672.15

LINE 4.Feet

By J. E. McClane, 1950; Book AV 208

"71 JEM 1950 857" (Described in line 3) 856.849

Willisburg, 0.9 mi N. of, along State Highway 53, thence 1.8 mi NW. along graveled rd.; 2.8 mi S. of Tatham Springs; 12 ft SW. of, and level with centerline of rd. at junction of T-rd. W.; 3 ft S. of mailboxes; in concrete post; standard tablet stamped "75 JEM 1950 864" (Reported not found, 1972) 863.931

Tatham Springs; 27 ft S. and 15 ft W. of, and level with centerline of rd. at junction of T-rd. W.; 120 ft N. of N. end of steel truss bridge over Chaplin River; 100 ft NE. of old store building; 70 ft W. of SW. corner of church; 18 ft N. of N. side of small wooden bridge over drain; in rock wall of truss bridge; standard tablet stamped "76 JEM 1950 623" 623.351

Reference mark; 334 ft S. of tablet; in wooden floor over center of SE. circular pier of truss bridge over Chaplin River; bolt 630.10

Tatham Springs, 1.0 mi N. of; 42 ft W. of, and level with centerline of N.-S. rd. at E. edge of triangle formed by junction of T-rd. W.; 21 ft S. and 4 ft E. of fence corner; in concrete post; standard tablet stamped "77 JEM 1950 790" 789.411

Reference mark; 63 ft NE. of tablet; in SW. side of 18-in. locust tree; rail spike 788.46

U. E., Tatham Springs, 1.0 mi N. of, thence 1.0 mi W.; 66 ft S. and 3 ft W. of, and level with centerline of rd. at junction of T-rd. E.; 111 ft S. of junction of private drive SW.; on W. side of flat concrete slab bridge over drain; chiseled square 611.67

U. E., Tatham Springs, 1.0 mi N. of, thence 1.6 mi SW.; 18 ft S. and 10 ft E. of, and 1 ft lower than centerline of rd. opposite fenceline E.; in NW. corner of frontyard of farmhouse; on first stone step leading to yard; chiseled square 807.28

Tatham Springs, 1.0 mi N. of, thence 2.4 mi SW.; 5.0 mi SE. of Chaplin; 18 ft N. and 15 ft W. of, and level with centerline of rd. at junction of T-rd. N.; 1 ft N. and 15 ft W. of fence corner; in concrete post; standard tablet stamped "78 JEM 1950 832" (Reported not found, 1972) 831.847

Chaplin, 3.7 mi SE. of; 18 ft NW. and 15 ft SW. of, and 2 ft higher than centerline of rd. at junction of T-rd. SW.; 3 ft NE. of curving fenceline at corner post; in concrete post; standard tablet stamped "79 JEM 1950 819" (Reported not found, 1972) 818.434

LINE 4. (Cont'd)Feet

Chaplin, 1.3 mi E. of; at WW. end of steel truss bridge over Chaplin River; 10 ft S. of, and 1 ft lower than center of bridge floor; in rock wingwall; standard tablet stamped "80 JEM 1950 608" (Destroyed, 1967) 607.516

U. E., Chaplin; 18 ft N. and 60 ft E. of, and 1 ft lower than centerline of rd. at junction of T-rd. N.; on SW. corner of S. end of concrete sidewalk leading to house; chiseled square 815.74

"TT 41 AS 1950 797 (Described in line 3) (Destroyed, 1972) 797.089

LINE 5.

By J. E. McClane, 1950; Book AV 208

"77 JEM 1950 790" (Described in line 4) 789.411

Fairview; 120 ft N. and 15 ft W. of, and level with centerline of main rd. at junction of T-rd. NW.; in concrete post; standard tablet stamped "81 JEM 1950 793" (Destroyed, 1972) 793.230

Reference mark; 180 ft S. of tablet; on NW. corner of concrete top of old cistern; chiseled square 798.70

Fairview, 3.1 mi NW. of; 0.6 mi E. of Sparrow, along U. S. Highway 62; 42 ft S. and 12 ft E. of, and 5 ft higher than centerline of hwy. at junction of T-rd. S.; in concrete post; standard tablet stamped "82 JEM 1950 834" 834.421

U. E., Sparrow, 1.5 mi NE. of, along State Highway 62; 25 ft N. and 15 ft W. of, and 2 ft higher than centerline of Highway 62 at junction of private rd. N.; on shallow boulder projecting out of bank; chiseled square 811.28

Sparrow, 2.8 mi NE. of, along U. S. Highway 62; 0.5 mi W. of Johnsonville; 33 ft N. and 24 ft E. of, and 4 ft higher than centerline of Highway 62 at junction of T-rd. N.; in concrete post; standard tablet stamped "83 JEM 1950 835" 834.768

Reference mark; 60 ft W. of tablet; 19 ft from N. edge of pavement; in edge of grass; on large boulder; chiseled square 828.59

Van Buren, 2.2 mi E. of; 25 ft SW. and 10 ft SE. of, and 2 ft higher than centerline of rd. at junction of T-rd. NE.; 2 ft N. of corner fencepost; in concrete post; standard tablet stamped "84 JEM 1950 579" (Reported destroyed, 1972) 579.168

LINE 5. (Cont'd)Feet

Reference mark; 50 ft N. of tablet; on W. end of 18-in. concrete tile; chiseled square	575.28
U.E., Van Buren, 3.0 mi NE. of; 9 ft S. of, and level with centerline of State Highway 248 at junction of drive to farm; 30 ft W. of swinging bridge over drain; on large boulder in gate to house; chiseled square	562.94
Van Buren, 3.7 mi NE. of, along State Highway 248, thence along county rd.; 375 ft NE. of T-rd. N.; 59 ft W. of NW. corner of barn; 55 ft SW. of centerline of rd.; 130 ft SW. of centerline of rd. and drive to barn; in concrete post; standard tablet stamped "85 JEM 1950 571" (This tablet replaces "PRIM TRAV STA NO 6 1905 D 15 1923 KY)	570.647
<u>LINE 6.</u>	
By J. E. McClane, 1950; Book AV 208	
"82 JEM 1950 834" (Described in line 5)	834.421
U.E., Sparrow, 0.5 mi W. of, along U. S. Highway 62; 20 ft N. and 25 ft W. of, and 2 ft higher than centerline of hwy. at junction of T-rd. N.; at small church; on NE. corner of concrete headwall of culvert; chiseled square	839.50
Sparrow, 2.4 mi W. of, along U. S. Highway 62; 25 ft S. of, and 4 ft higher than centerline of hwy. at junction of T-rd. NW.; 4 ft E. of small telephone pole; 1 ft N. of fence on top of bank; in concrete post; standard tablet stamped "86 JEM 1950 827"	826.808
U.E., Sparrow, 2.4 mi W. of, thence 1.1 mi N.; 74 ft SW. of centerline of rd. at junction of T-rd. NW.; on SE. corner of E. headwall of bridge; chiseled square	675.42
U.E., Van Buren, 3.4 mi S. of; 8 ft N. and 225 ft W. of, and 3 ft lower than centerline of rd. at junction of private rd. S.; on rock culvert; chiseled square	782.09
Van Buren, 3.0 mi S. of; 18 ft S. of, and 2 ft higher than centerline of rd. at junction of private rd. E.; 24 ft S. of corner stone in SW. corner of yard; 1 ft N. of fenceline; in concrete post; standard tablet stamped "87 JEM 1950 800"	800.050
Reference mark; 130 ft N. of tablet; on SE. corner of S. end of concrete sidewalk to farmhouse; chiseled square	800.60
U.E., Van Buren, 1.1 mi SW. of; 6 ft W. of, and level with centerline of rd. at S. end of small bridge over creek; on W. side of S. wingwall; chiseled square	532.77

LINE 6. (Cont'd)Feet

Van Buren; 10 ft E. of, and level with centerline of rd. at N. end of steel truss bridge over Salt River; in NE. concrete headwall; standard tablet stamped "88 JEM 1950 542"	542.372
Reference mark; 380 ft NW. of tablet; on NW. corner of porch of Van Buren State Bank; chiseled square	540.51
U.E., Van Buren, 0.4 mi N. of, along State Highway 248; 36 ft N. and 15 ft W. of, and level with centerline of hwy. at junction of private entrance E.; on SW. headwall; chiseled square	554.60
Van B uren, 1.0 mi N. of, along State Highway 248; 12 ft E. of, and level with centerline of hwy. at junction of T-rd. W.; 6 ft E. of edge of pavement on corner of bank; in concrete post; standard tablet stamped "89 JEM 1950 555" (Destroyed, 1972)	554.730
Reference mark; 310 ft N. of tablet; on W. headwall of culvert; chiseled square	553.93
U.E., Van Buren, 1.0 mi N. of, thence 4.4 mi W.; 8 ft E. of, and level with centerline of rd. at drain crossing; on E. end of concrete culvert; chiseled square	522.19
Van Buren, 1.0 mi N. of, along State Highway 248, thence 4.7 mi W.; 66 ft NE. and 40 ft SE. of, and 8 ft higher than centerline of river rd. at junction of T-rd. N.; 55 ft NW. of NW. corner of Mitchell Run School; 2 ft S. and 3 ft W. of corner fencepost; in concrete post; standard tablet stamped "90 JEM 1950 529" (Reported destroyed, 1972)	528.709
Reference mark; 120 ft SE. of tablet; on SE. corner of concrete foundation for pump; chiseled square	519.50
U.E., Van Buren, 1.0 mi N. of, thence 4.9 mi W.; on W. bank of Salt River; at end of swinging bridge; on concrete foundation for downstream cable anchor; chiseled square	517.53
U.E., Wakefield, 2.3 mi NE. of, thence 3.1 mi SE., thence 0.9 mi NE.; 10 ft N. and 24 ft W. of, and 1 ft higher than centerline of rd. at junction of private entrance W. to farmhouse; on E. edge of step; chiseled square	759.87
"TT 38 AS 1950 619" (Described in line 2)	619.008

LINE 7.Feet

By J. E. McClane, 1950; Book AV 208

"83 JEM 1950 835" (Described in line 5)

834.768

Johnsonville, 0.5 mi NE. of, along U. S. Highway 62; 700 ft W. of Standard Oil Station; 120 ft E. of, and 9 ft higher than centerline of hwy. at W. prong of traffic triangle; 28 ft SE. of centerline of hwy; 19 ft SW. of 12-in hickory nut tree; in concrete post; standard tablet stamped "91 JEM 1950 829"

829.310

Reference mark; 210 ft W. of tablet; on NW. corner of N. headwall; chiseled square

821.22

Johnsonville, 2.3 mi NE. of, along U. S. Highway 62; 25 ft S. and 33 ft E. of, and 4 ft higher than centerline of Highway 62 at junction of T-rd. S.; 2 ft S. and 5 ft W. of fence corner; in concrete post; standard tablet stamped "92 JEM 1950 816"

815.585

Reference mark; 60 ft NW. of tablet; on edge of 10-in rock ledge projecting from bank; chiseled square

813.78

Ashbrook, 0.3 mi N. of, along State Highway 53; 60 ft S. and 25 ft E. of, and 2 ft higher than centerline of hwy. at junction of T-rd. W.; 3 ft N. and 1 ft W. of fence corner; in concrete post; standard tablet stamped "93 JEM 1950 720"

720.126

U.E., Ashbrook, 0.6 mi NE. of; 12 ft N. and 72 ft W. of, and level with centerline of rd. at junction of private entrance NE.; on SE. corner of first stone step to yard of farmhouse; chiseled square

859.54

U.E., Ashbrook, 3.0 mi NE. of; 40 ft NE. and 20 ft NW. of, and 3 ft higher than centerline of rd. at junction of field rd. NW. and farm entrance SE.; on third stepping stone to yard of farmhouse; chiseled square

895.17

[Jogs into Harrodsburg quadrangle]

U.E., Sinai, 0.8 mi E. of; 10 ft S. of, and level with centerline of rd. at N. end of small footbridge over stream; on first step (large boulder); chiseled square

738.31

Sinai; 250 ft N. of post office; 15 ft S. and 33 ft E. of, and 6 ft higher than centerline of State Highway 53 at junction of T-rd. E.; 1 ft S. and 12 ft E. of fence corner; in concrete post; standard tablet stamped "TT 8 MT 1950 791"

790.509

LINE 7. (Cont'd)Feet

Reference mark; 20 ft W. of tablet; on N. end of concrete culvert;
chiseled square

783.84

Sinai, 0.4 mi N. of, along State Highway 53, thence 1.6 mi NW. along
U. S. Highway 62; 25 ft SW. and 15 ft SE. of, and level with center-
line of Highway 62 at junction of field entrance SW.; 72 ft W. of
w. corner of grocery store of O. H. Gritton; in concrete post;
standard tablet stamped "94 JEM 1950 889"

888.617

Reference mark; 87 ft E. of tablet; on SE. corner of concrete porch
of store; chiseled square

889.73

405. Sinai, 0.4 mi N. of, along State Highway 53, thence 1.6 mi NW. along
U. S. Highway 62, thence 2.5 mi NE. along graveled rd.; 12 ft SW.
and 125 ft SE. of, and 8 ft lower than centerline of rd. at junction
of T-rd. S.; 96 ft SE. and 1 ft SW. of fence corner; in concrete
post; standard tablet stamped "TT 9 MT 1950 876"

875.703

Reference mark; 160 ft NW. of tablet; in root on E. side of 12-in
walnut tree; copper nail and washer

888.02

/Jogs into Mount Eden quadrangle/

"85 JEM 1950 571" (Described in line 5)

570.647

LINE 8.

By J. E. McClane, 1950; Book AV 208

"76 JEM 1950 623" (Described in line 4)

623.351

Tatham Springs, 2.0 mi E. of; 20 ft W. of, and level with centerline
of rd. at junction of Y-rd.; 5 ft E. of 10-in black walnut tree
used as fence corner; in concrete post; standard tablet stamped
"97 JEM 1950 837"

836.887

U.E., Sharpsville, 0.8 mi SW. of, thence 1.3 mi NW.; 5 ft E. of, and
level with centerline of rd.; on E. end of rock headwall; chiseled
square

807.18

Sharpsville, 0.8 mi SW. of, along State Highway 53; 33 ft N. and 25
ft W. of, and 3 ft higher than centerline of hwy. at junction of
dirt rd.; 7 ft SE. of stop sign; in concrete post; standard tablet
stamped "98 JEM 1950 836"

835.749

Reference mark; 110 ft NW. of tablet; N. from private drive; on
ledge outcrop; chiseled square

850.12

U.E., Sharpsville, 0.2 mi N. of; on E. concrete wheelguard of bridge
over Chaplin River; chiseled square

665.84

LINE 8. (Cont'd)Feet

Sharpsville, 2.2 mi N. of, along State Highway 53; at Kirkland School; 20 ft NE. and 35 ft SW. of, and 2 ft higher than centerline of rd. at triangle formed by rd. forks; 8 ft S. of NE. corner of concrete wall around schoolyard; in wall; standard tablet stamped "TT 8 D 1930 867"	866.712
Reference mark; 60 ft S. of tablet; on SE. corner of concrete porch of Kirkland School; chiseled square	866.30
U.E., Duganville, 3.5 mi W. of; 20 ft S. and 63 ft W. of, and 4 ft higher than centerline of rd. at junction of T-rd. SE.; on NW. corner of concrete base for gasoline pump; chiseled square	866.00
Duganville, 3.0 mi W. of; 25 ft N. of, and level with centerline of rd. at junction of Y-rd.; 8 ft E. of twin-trunked locust tree; in concrete post; standard tablet stamped "99 JEM 1950 854" (Destroyed, 1972)	853.456
<u>LINE 9.</u>	
By J. E. McClane, 1950; Book AV 208	
"70 JEM 1950 875" (Described in line 3)	874.631
Cardwell, 4.0 mi SW. of; at Glens Creek Cemetery; 12 ft N. of, and 1 ft higher than centerline of rd. at junction of T-rd. N.; 50 ft E. of SE. corner of fence around cemetery; in concrete post; standard tablet stamped "100 JEM 1950 864"	863.813
Reference mark; 140 ft W. of tablet; 10 ft SW. of tombstone of Taylor roberts; on W. end of retaining wall; chiseled square	864.73
U.E., Cardwell, 3.2 mi SW. of; 6 ft N. of, and level with centerline of rd.; on N. end of W. concrete wingwall of wooden bridge over creek; chiseled square	694.04
Cardwell, 2.2 mi SW. of; 33 ft S. and 30 ft E. of, and level with crossroads; 16 ft N. of fence corner; in concrete post; standard tablet stamped "101 JEM 1950 860"	860.027
Reference mark; 14 ft S. of tablet; 65 ft SE. of crossroads; in base on N. side of 14-in locust tree; copper nail and washer	860.58
U.E., Cardwell, 0.5 mi S. of; 5 ft N. and 33 ft W. of, and 5 ft higher than centerline of rd. at junction of private rd. W.; on N. end of cattle guard; chiseled square	885.98
Cardwell; 115 ft E. of, and 6 ft lower than centerline of rd. at junction of T-rd. N.; 25 ft E. of telephone pole; in concrete post; standard tablet stamped "102 JEM 1950 847"	847.439
Reference mark; 135 ft W. of tablet; on N. side of concrete base for gasoline pump; chiseled square	853.98

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

37-085-11
WILLISBURG QUADRANGLE
147 KENTUCKY
N3745-W8500/15
DIAGRAM NJ 16-9
WINCHESTER

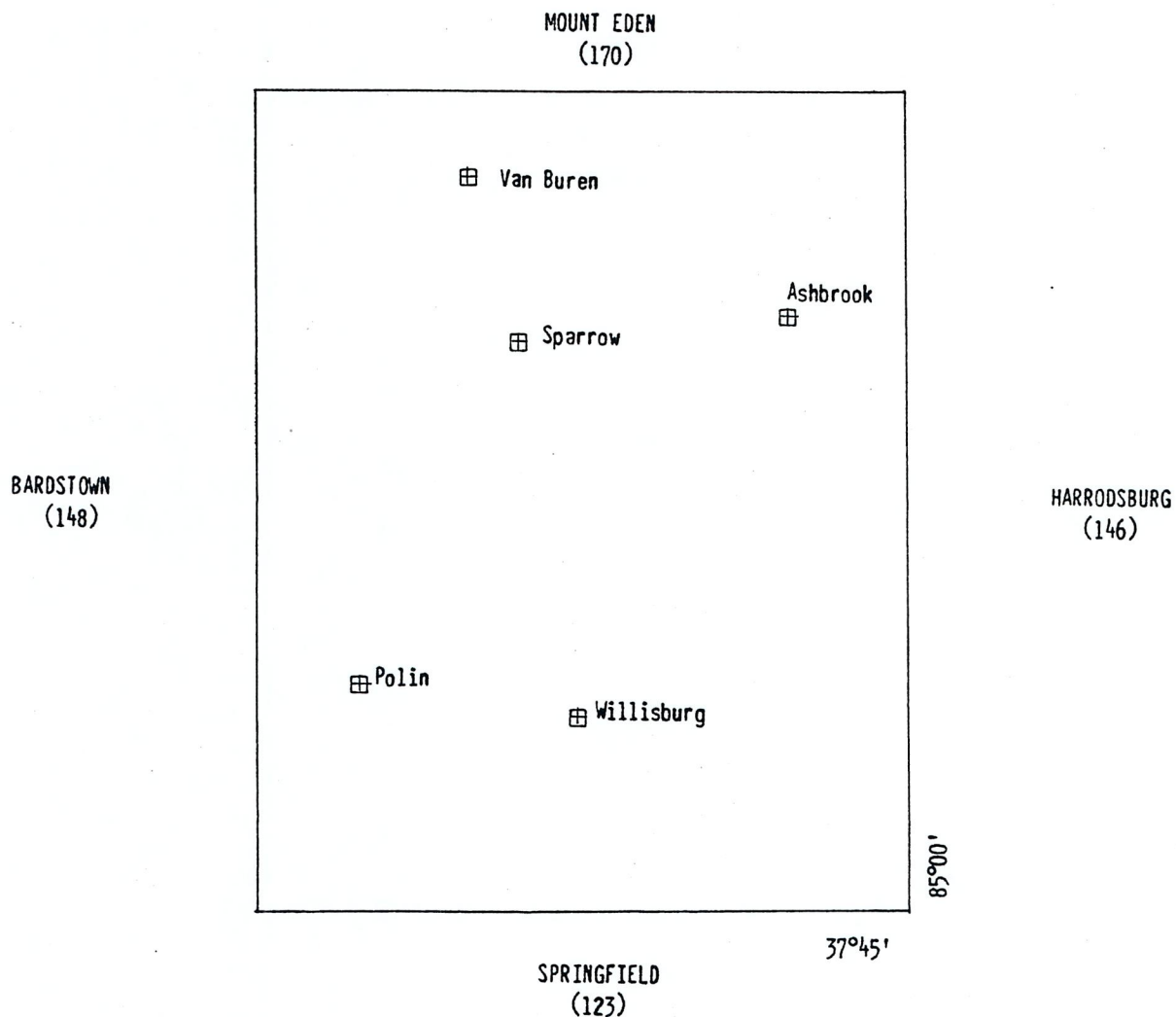
Anderson, Mercer, Nelson,
Spencer, and Washington Counties

Edition of 10/28/76

PR: CRV/rmm

Plane coordinates are based on Lambert
projection, Kentucky, North and South Zones

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

147 KENTUCKY
WILLISBURG QUADRANGLE

37-085-11
N3745-W8500/15

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>
TT 4 D 1930 RESET	3
TT 7 D 1930 850	3
TT 8 D 1930 867	3
TT 18 E 1930 839	4
TT 20 E 1930 760	3
TT 38 AS 1950 619	3
TT 39 AS 1950 785	4
TT 40 AS 1957 646	4
TT 41 AS 1950 797	4
TT 42 AS 1950 598	4
TT 43 AS 1950 757	4
TT 8 MT 1950 791	3
TT 9 MT 1950 876	3

STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By R. C. Darnell, 1930; Book C9354

Sharpsville, 2.2 mi N. of, along State Highway 53; at Kirkland School; 20 ft NE. and 35 ft SW. of, and 2 ft higher than centerline of rd. at triangle formed by rd. forks; 8 ft S. of NE. corner of concrete wall around schoolyard; in wall; standard tablet stamped "TI 8 D 1930 867"

KY. N)	X = 1,767,389	Y = 140,258	37 52 56.52	85 03 21.28
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By M. V. Thompson, 1950; Book AH 174

Tablow; 10 ft S. of bottom step of Bethel Church; in E. edge of concrete walk; standard tablet stamped "TI 7 D 1930 850"

	X = 1,779,543	Y = 133,669	37 51 52.41	85 00 49.01
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Sinai; 250 ft N. of post office; 15 ft S. and 33 ft E. of, and 6 ft higher than centerline of State Highway 53 at junction of I-rd. E.; 1 ft S. and 12 ft E. of fence corner; in concrete post; standard tablet stamped "TI 8 MT 1950 791"

	X = 1,775,890	Y = 166,345	37 57 15.13	85 01 38.00
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Sinai, 0.4 mi N. of, along State Highway 53, thence 1.6 mi NW. along U. S. Highway 62; at store of O. H. Gritton; 290 ft NE. of junction of Highway 62 along graveled rd.; 14 ft SE. of centerline of graveled rd.; 90 ft SW. of point opposite small stock pond on SE. side of rd.; 1 ft N. of fenceline; in concrete post; standard tablet stamped "TI 4 D 1930 RESET"

	X = 1,771,859	Y = 173,911	37 58 29.59	85 02 29.14
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Sinai, 0.4 mi N. of, along State Highway 53, thence 1.6 mi NW. along U. S. Highway 62, thence 2.5 mi NE. along graveled rd.; 125 ft SE. of junction of I-rd. SW.; 12 ft SW. of centerline of rd.; 96 ft SE. of, and 1 ft SW. of fence corner; in concrete post; standard tablet stamped "TI 9 MT 1950 876"

	X = 1,780,207	Y = 179,642	37 59 26.94	85 00 45.48
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By A. Salloom, 1950; Book AH 194

Wakefield, 2.3 mi NE. of, thence 2.6 mi SE.; 7 ft S. and 19 ft E. of centerline of rd. at junction of I-rd. NE.; 14 ft S. of centerline of rd.; 52 ft S. of fenceline; in concrete post; standard tablet stamped "TI 38 AS 1950 619"

	X = 1,711,755	Y = 175,917	37 58 43.64	85 14 59.98
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Wakefield, 2.3 mi NE. of, thence 3.7 mi SE.; 260 ft S. of centerline of rd. at junction of I-rd. W.; at sharp turn in rd.; in corner of field owned by Mrs. George Carruthers; just E. of gate; in concrete post; standard tablet stamped "TI 20 E 1930 760"

	X = 1,713,173	Y = 171,676	37 58 01.86	85 14 41.69
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

Chaplin, 0.5 mi W. of, along U. S. Highway 62, thence 4.1 mi N. along rd.; 19 ft N. and 22 ft E. of centerline of rd. at junction of drive NW.; 13 ft SE. of, and 1 ft higher than centerline of rd.; 5 ft NE. of 30-in. walnut tree; 5 ft SW. of SW. corner of private cemetery; in concrete post; standard tablet stamped "TI 39 AS 1950 785"

Ky. N.)	X = 1,715,023	Y = 164,620	37 56 52.31	85 14 17.65
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Chaplin, 0.5 mi W. of, along U. S. Highway 62, thence 1.9 mi N. along rd.; at offset driveways; 128 ft N. and 39 ft W. of centerline of rd. at junction of drive E.; 16 ft N. and 22 ft W. of centerline of rd. at junction of drive W. to residence of R. C. Terrel; 19 ft N. of N. end of gate; 2 ft E. of fenceline; in concrete post; standard tablet stamped "TI 40 AS 1950 646" (Not found, 1972)

	X = 1,716,237	Y = 156,547	37 55 32.64	85 14 01.42
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Chaplin, 0.5 mi W. of, along U. S. Highway 62; 45 ft N. and 17 ft E. of, and 5 ft higher than centerline of hwy. at junction of T-rd. N.; 21 ft N. of 72-in. twin elm tree; 2 ft E. of fenceline; 2 ft S. of transformer pole; in concrete post; standard tablet stamped "TI 41 AS 1950 797" (Reported destroyed, 1972)

	X = 1,716,492	Y = 146,708	37 53 55.40	85 13 56.92
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Chaplin, 1.4 mi W. of, along U. S. Highway 62; 25 ft N. and 35 ft W. of centerline of hwy. at junction of T-rd. S.; 4 ft W. of telephone pole 104; in concrete post; standard tablet stamped "TI 18 E 1930 839"

	X = 1,712,103	Y = 145,830	37 53 46.26	85 14 51.56
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Chaplin, 1.9 mi SW. of, along State Highway 431; at junction of Y-rd. NW.; 27 ft W. of, and 5 ft lower than centerline of hwy. at drain crossing; 33 ft E. of center of concrete bridge on old rd.; in S. end of W. concrete headwall of culvert under hwy.; standard tablet stamped "TI 42 AS 1950 598"

Ky. S.)	X = 1,716,413	Y = 137,770	37 52 27.03	85 13 56.72
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Chaplin, 3.9 mi SW. of, along State Highway 431; 26 ft N. and 16 ft E. of centerline of hwy. at junction of drive NE.; 32 ft NE. of centerline of hwy.; 11 ft NW. of gateway to private drive; 3 ft SW. of fenceline; in concrete post; standard tablet stamped "TI 43 AS 1950 757"

	X = 1,715,237	Y = 128,808	37 50 58.32	85 14 10.18
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